

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015862.D
 Acq On : 01 May 2020 16:52
 Operator : SY/MD
 Sample : L2437-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:11:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122108	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56080	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33140	5.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	31515	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.12	63	51947	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.94	46	104101	50.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.38	84	70269	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	42692	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.08	84	140366	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.09	67	44691	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	121944	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.65	79	14723	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.12	63	71695	42.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31622	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	45785	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

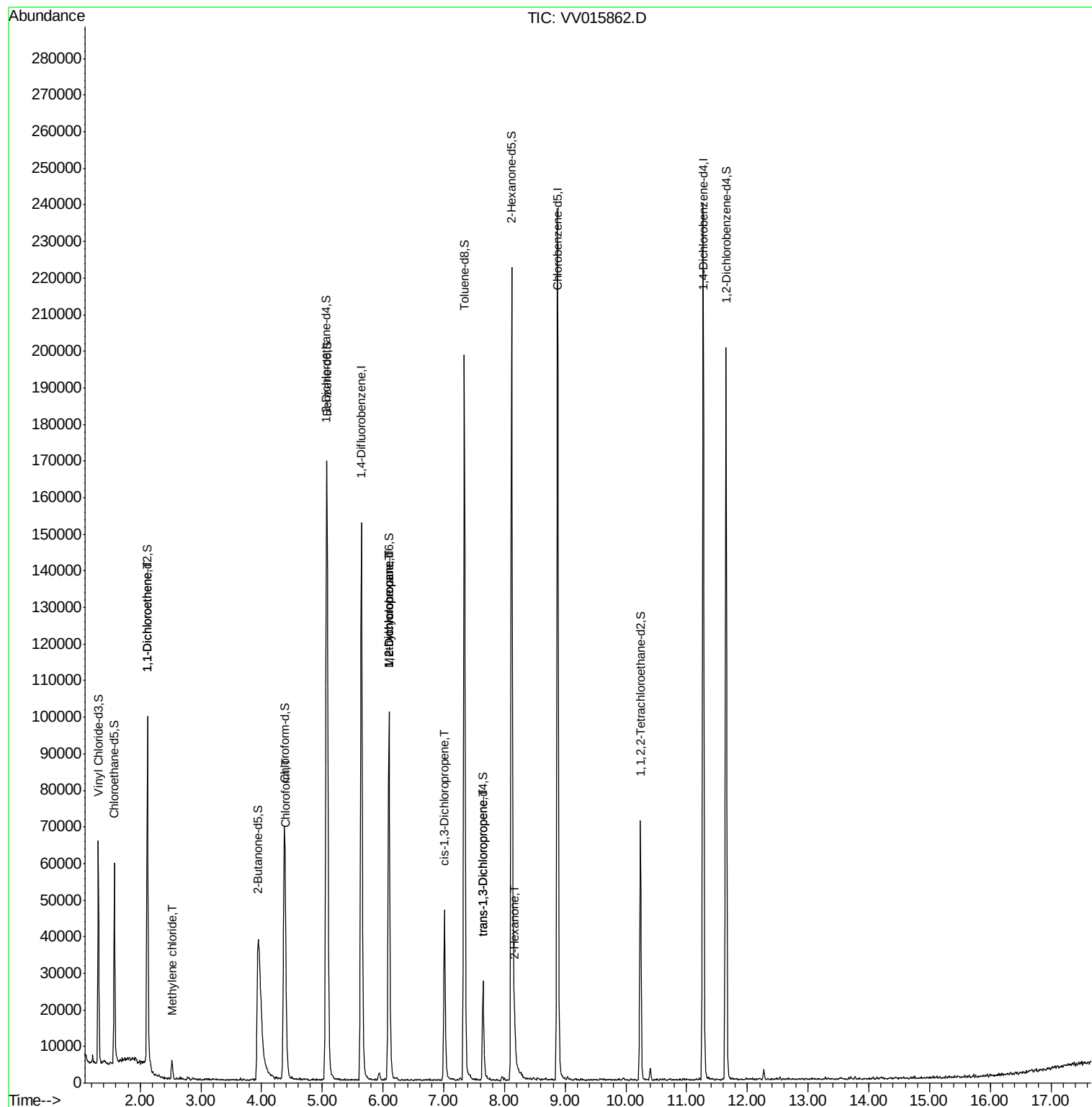
					Ovalue
12) 1,1-Dichloroethene	2.12	96	658	0.093 ug/L #	1
16) Methylene chloride	2.52	84	1666	0.190 ug/L	92
25) Chloroform	4.40	83	5954	0.359 ug/L	91
35) Methylcyclohexane	6.09	83	11050	0.774 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5867	0.685 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1303	0.109 ug/L #	70
44) trans-1,3-Dichloropropene	7.64	75	768	0.077 ug/L #	69
48) 2-Hexanone	8.17	43	6361	1.604 ug/L #	75

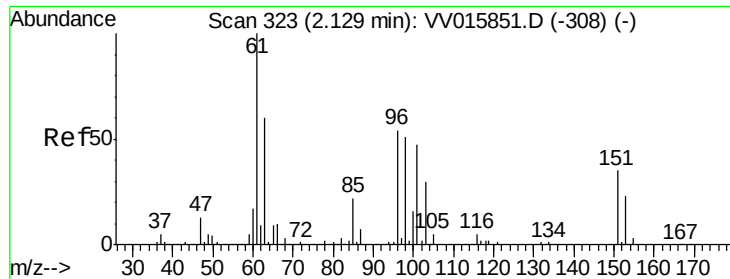
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

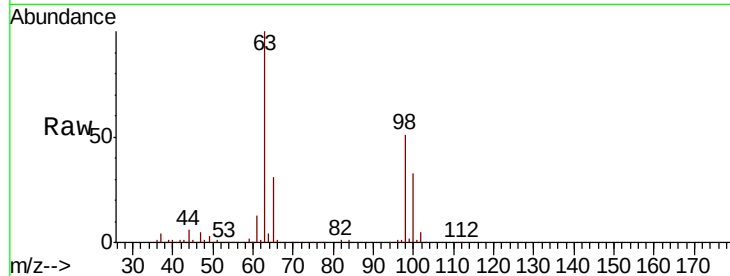




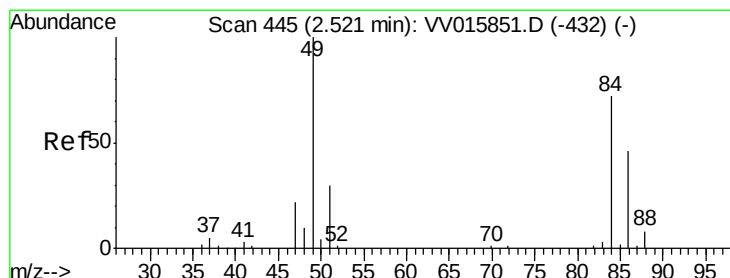
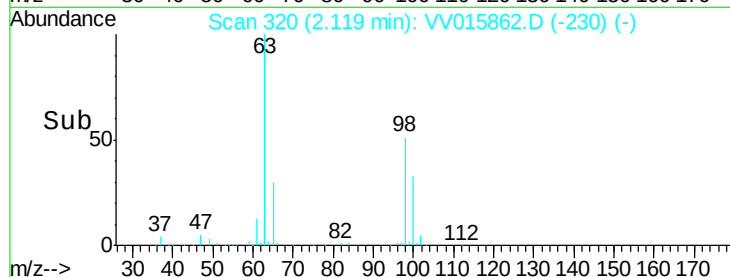
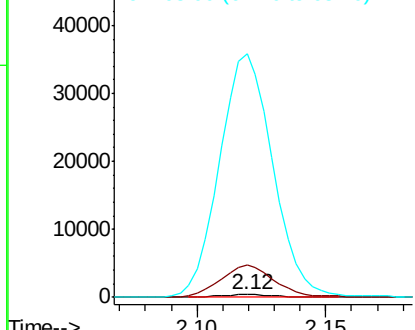
#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.01 min
Lab File: VV015862.D
Acq: 01 May 2020 16:52

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 658
Ion Ratio Lower Upper
96 100
61 1213.7 130.1 241.7#
63 9254.8 91.4 169.8#

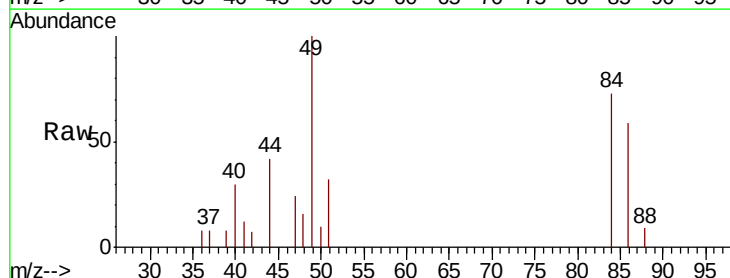


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0

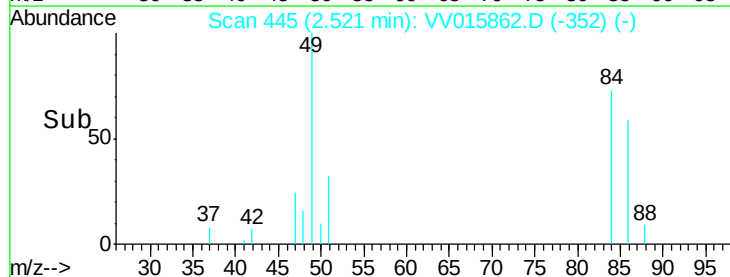
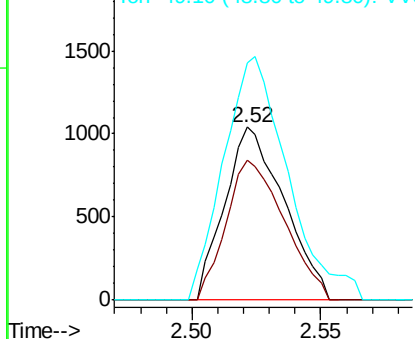


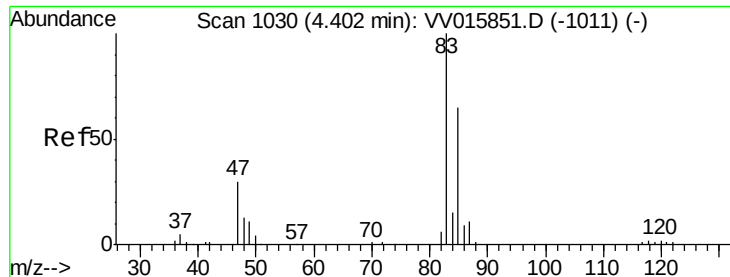
#16
Methylene chloride
Concen: 0.190 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV015862.D
Acq: 01 May 2020 16:52

Tgt Ion: 84 Resp: 1666
Ion Ratio Lower Upper
84 100
86 80.8 45.1 83.7
49 137.1 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

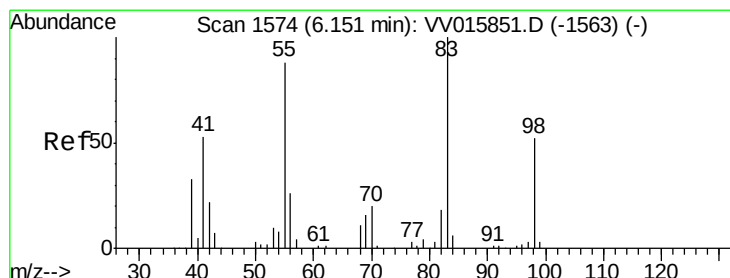
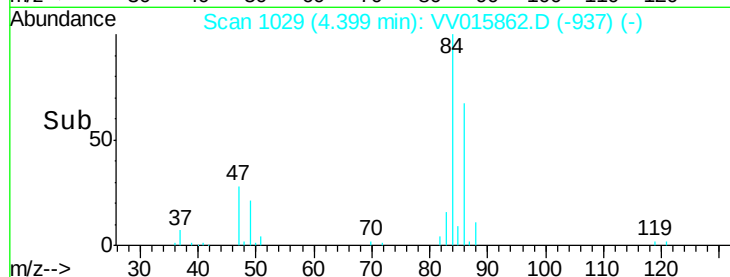
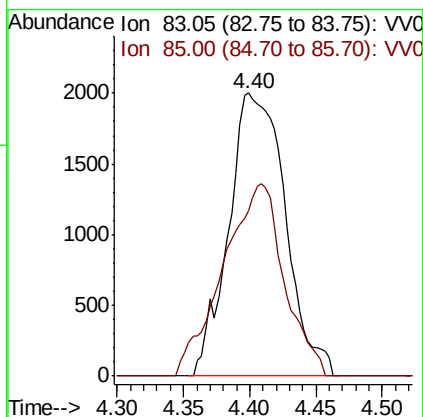
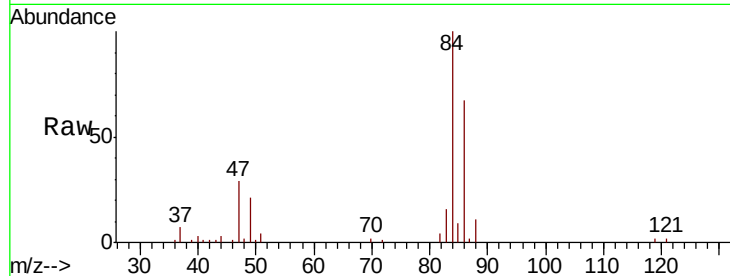




#25
Chloroform
Concen: 0.359 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015862.D
Acq: 01 May 2020 16:52

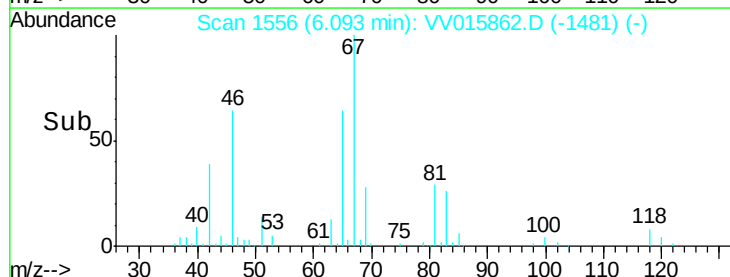
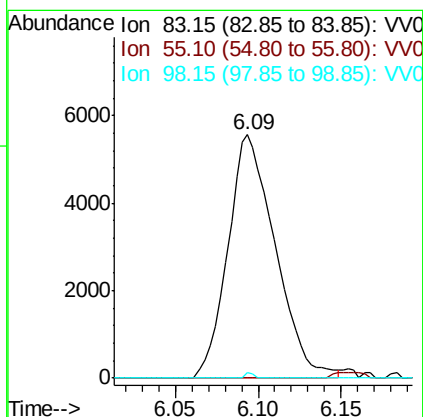
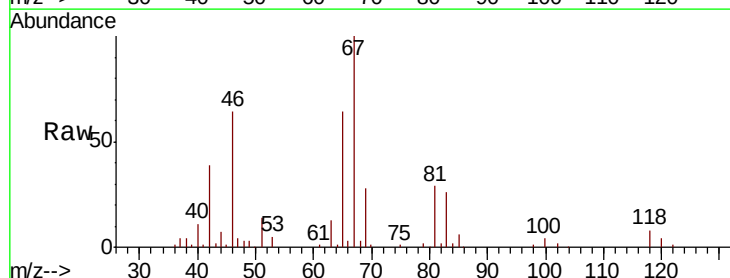
Instrument :
MSVOA_V
ClientSampleId :

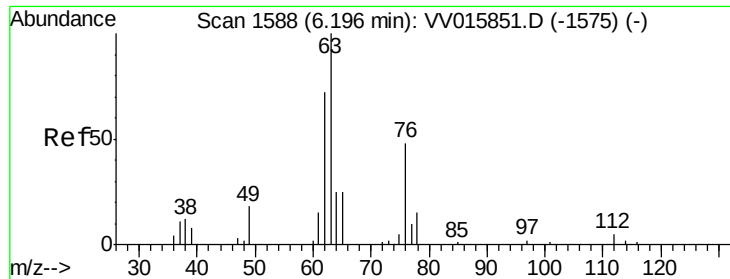
Tot Ion: 83 Resp: 5954
Ion Ratio Lower Upper
83 100
85 58.5 46.1 85.5



#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015862.D
Acq: 01 May 2020 16:52

Tgt Ion: 83 Resp: 11050
Ion Ratio Lower Upper
83 100
55 0.8 66.6 99.8#
98 0.4 39.5 59.3#

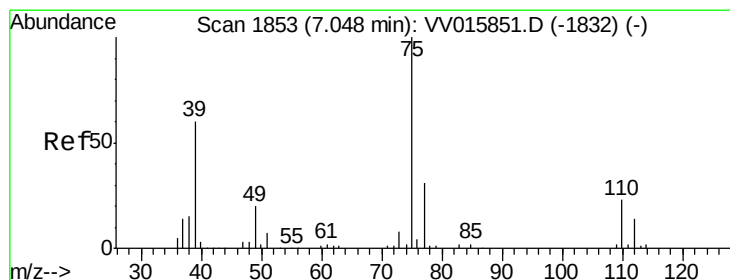
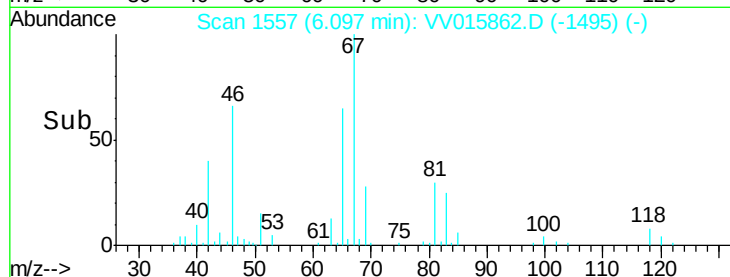
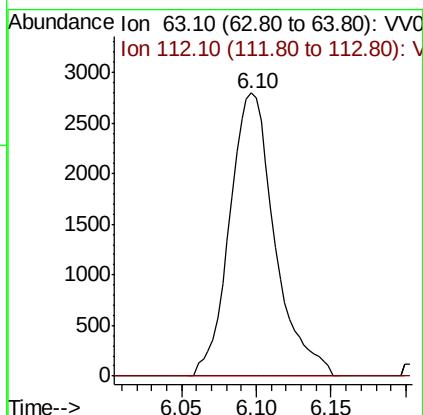
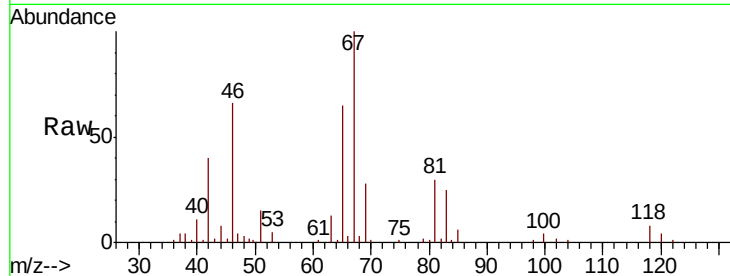




#37
 1,2-Dichloropropane
 Concen: 0.685 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015862.D
 Acq: 01 May 2020 16:52

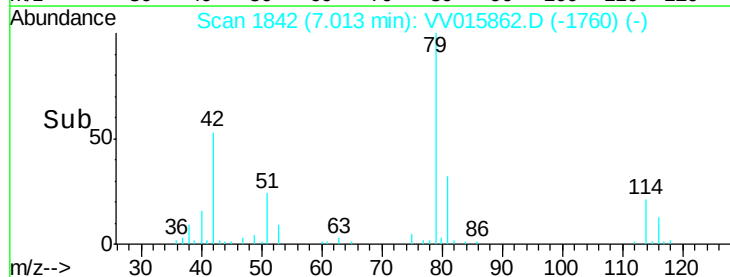
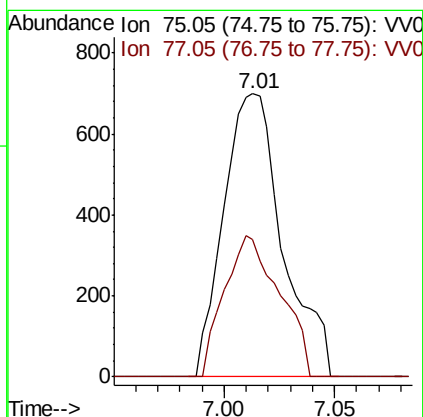
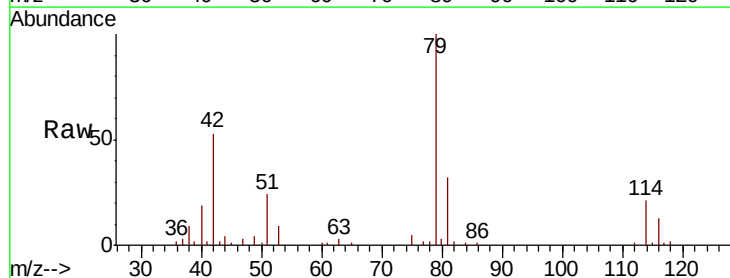
Instrument :
 MSVOA_V
 ClientSampleId :

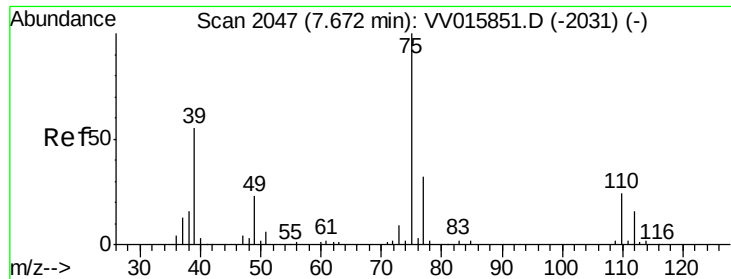
Tot Ion: 63 Resp: 5867
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015862.D
 Acq: 01 May 2020 16:52

Tgt Ion: 75 Resp: 1303
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.3 41.5#

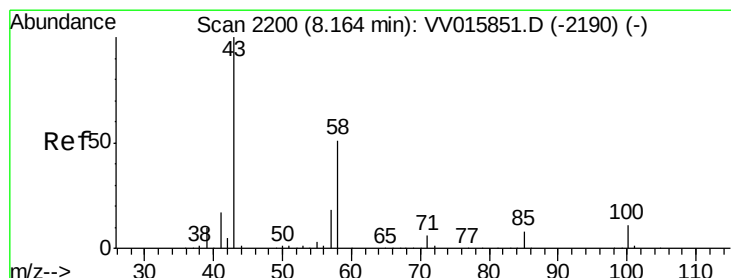
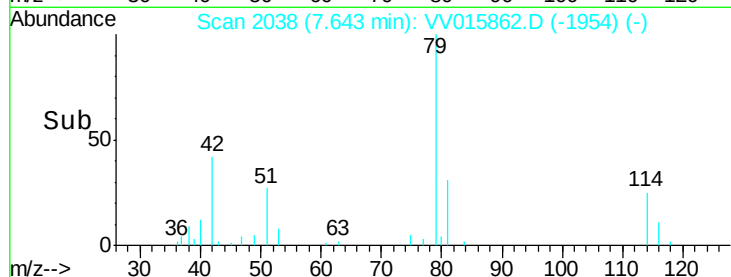
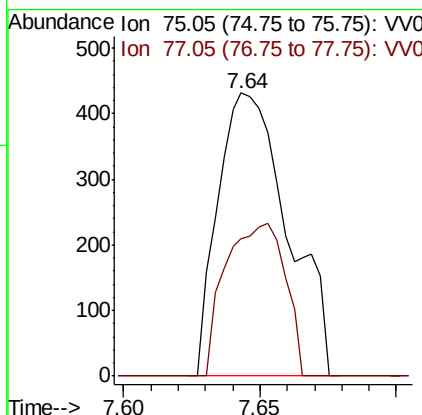
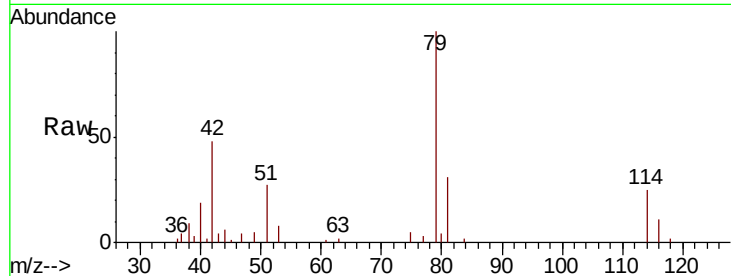




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015862.D
Acq: 01 May 2020 16:52

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 768
Ion Ratio Lower Upper
75 100
77 48.4 21.8 40.6#



#48
2-Hexanone
Concen: 1.604 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015862.D
Acq: 01 May 2020 16:52

Tgt Ion: 43 Resp: 6361
Ion Ratio Lower Upper
43 100
58 34.7 41.1 61.7#
57 2.5 15.0 22.4#
100 6.5 9.0 13.4#

